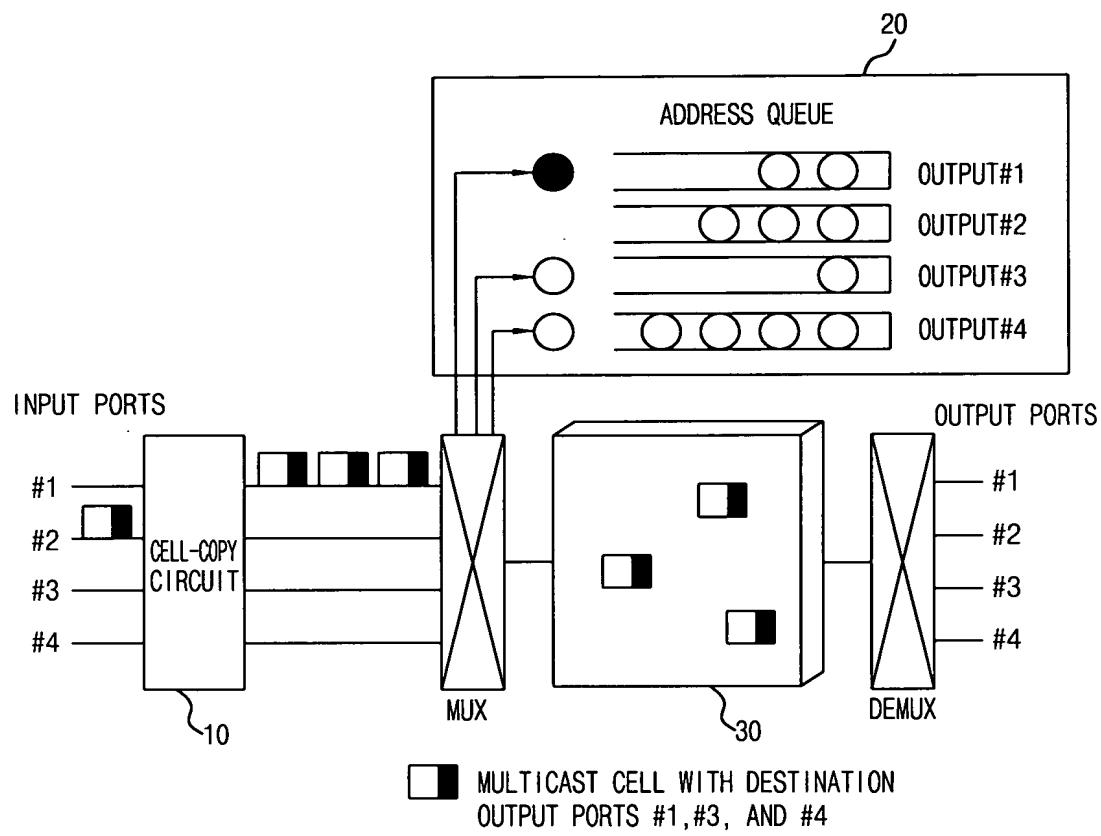


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FIG.1
BACKGROUND ART



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FIG. 2
BACKGROUND ART

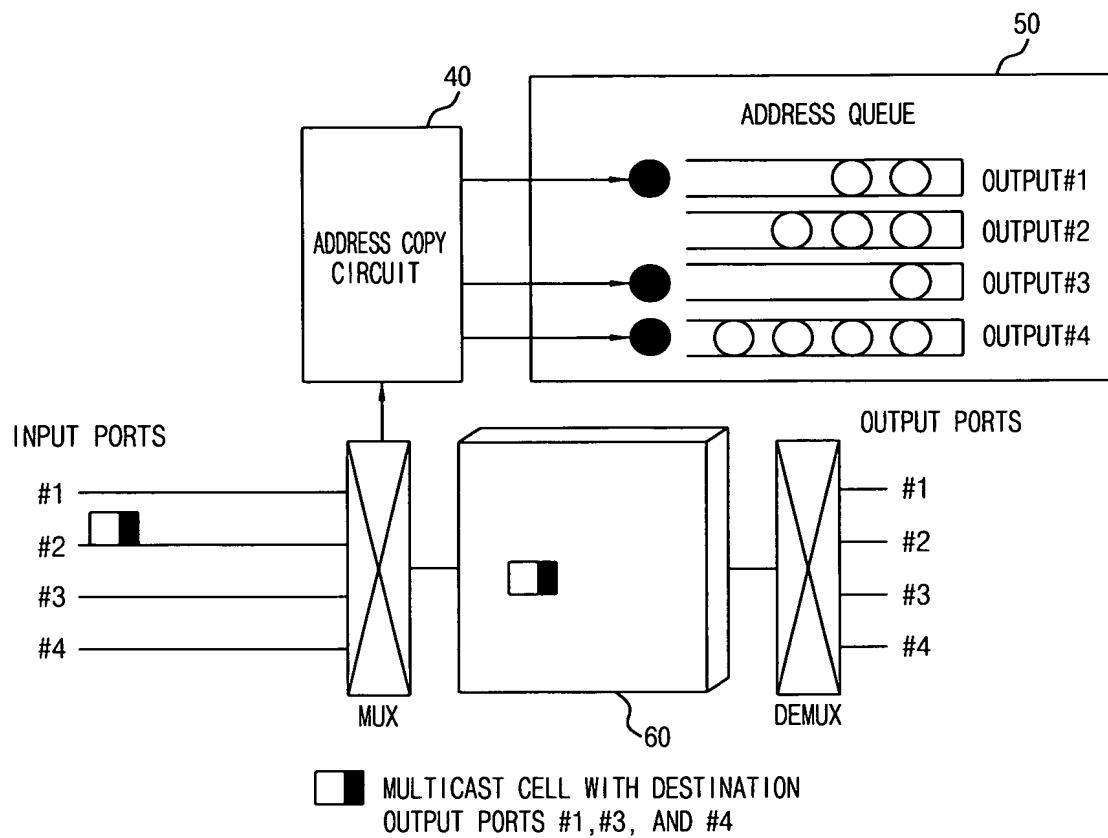




FIG.3
BACKGROUND ART

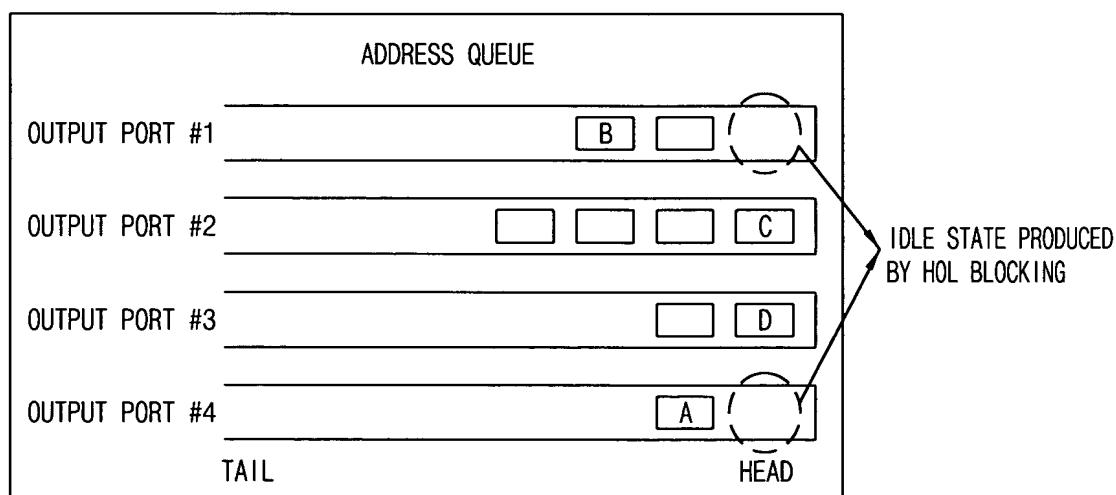
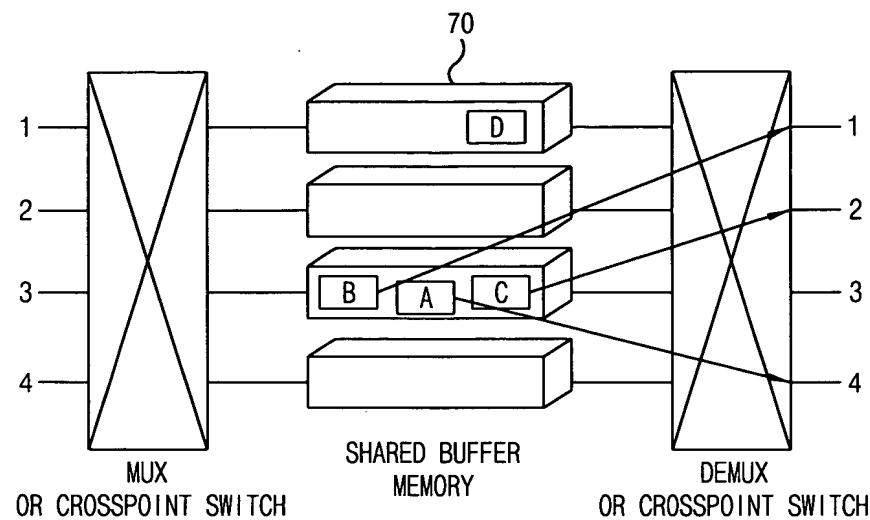


FIG. 4

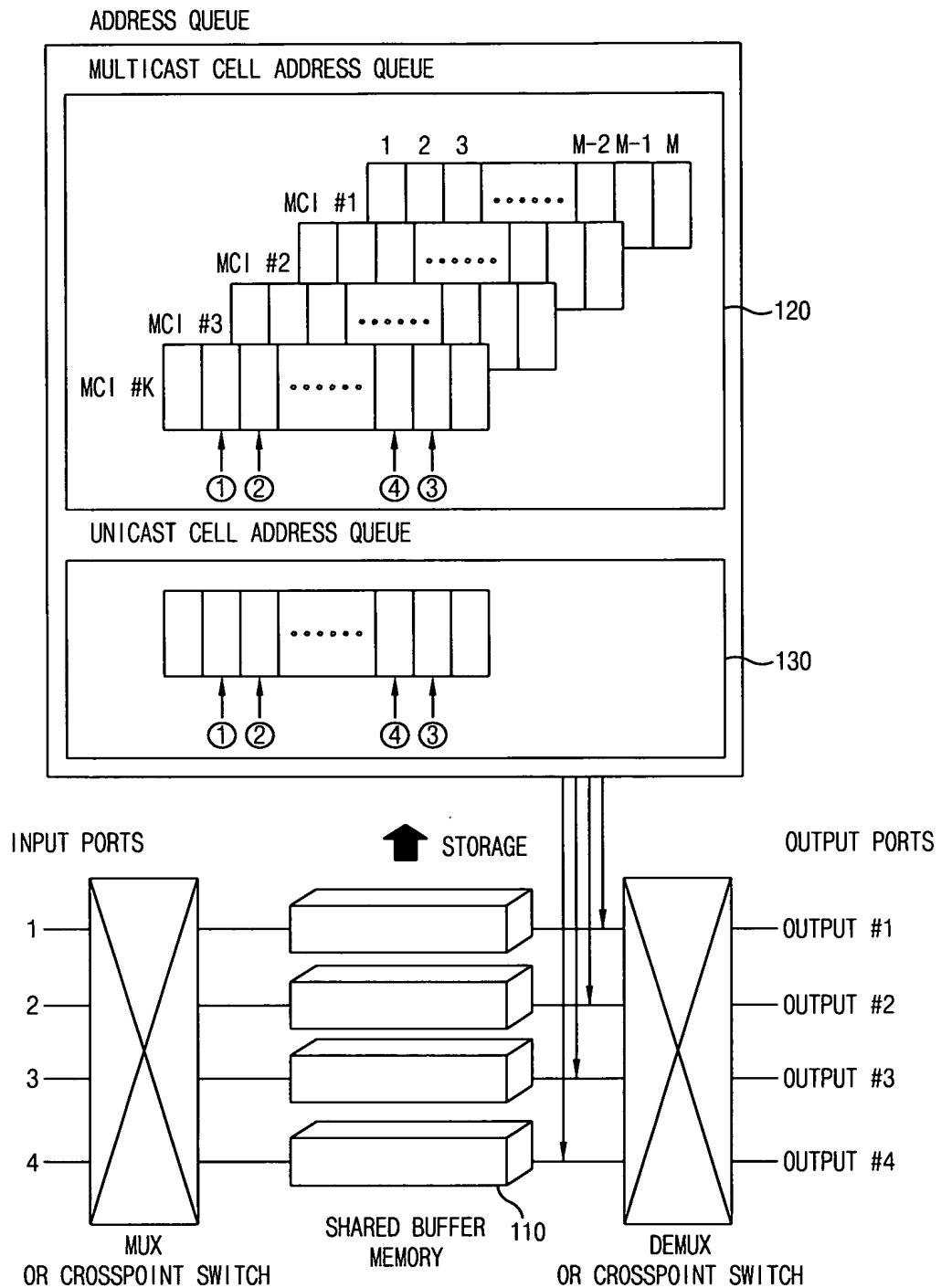


FIG.5

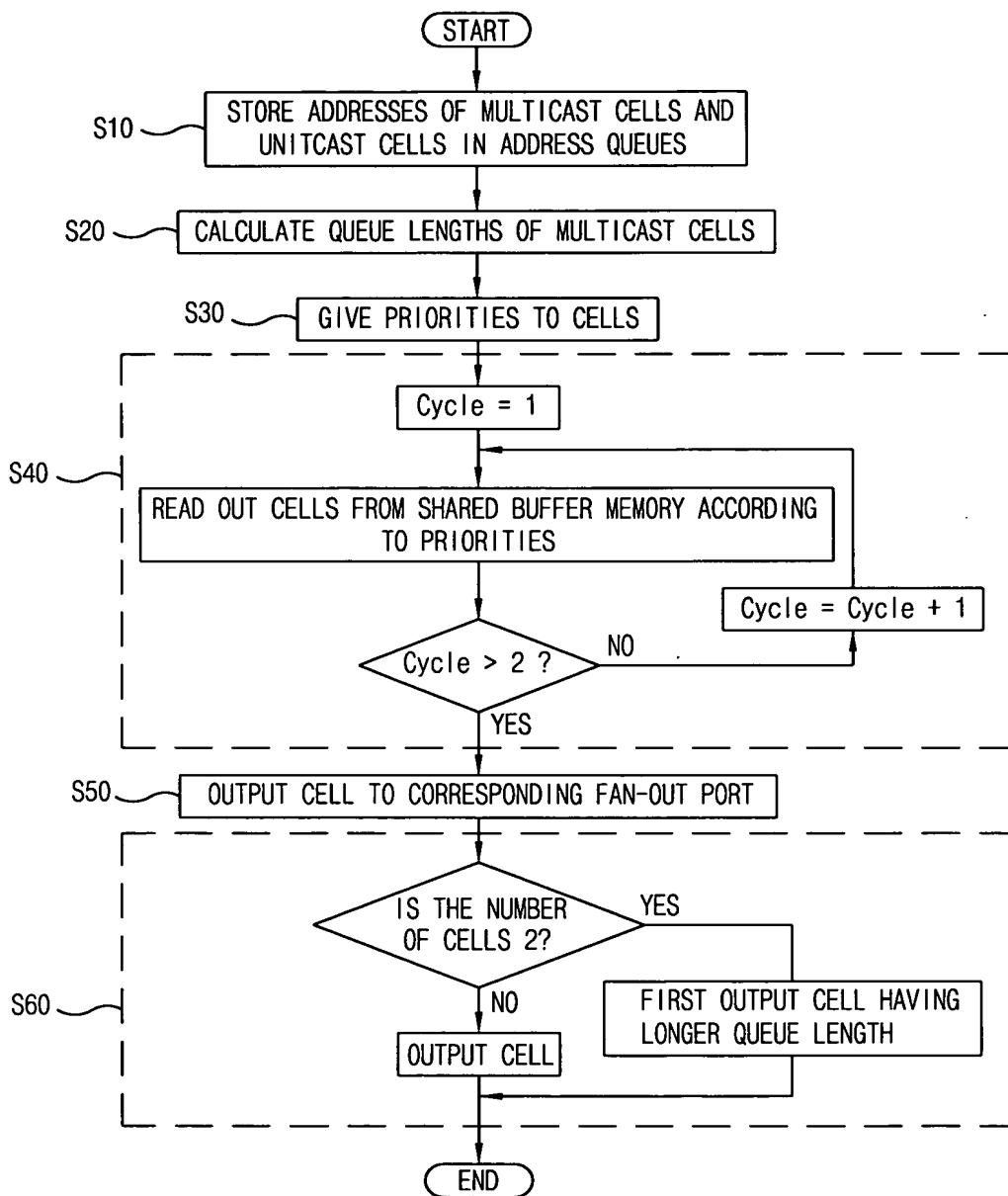


FIG. 6

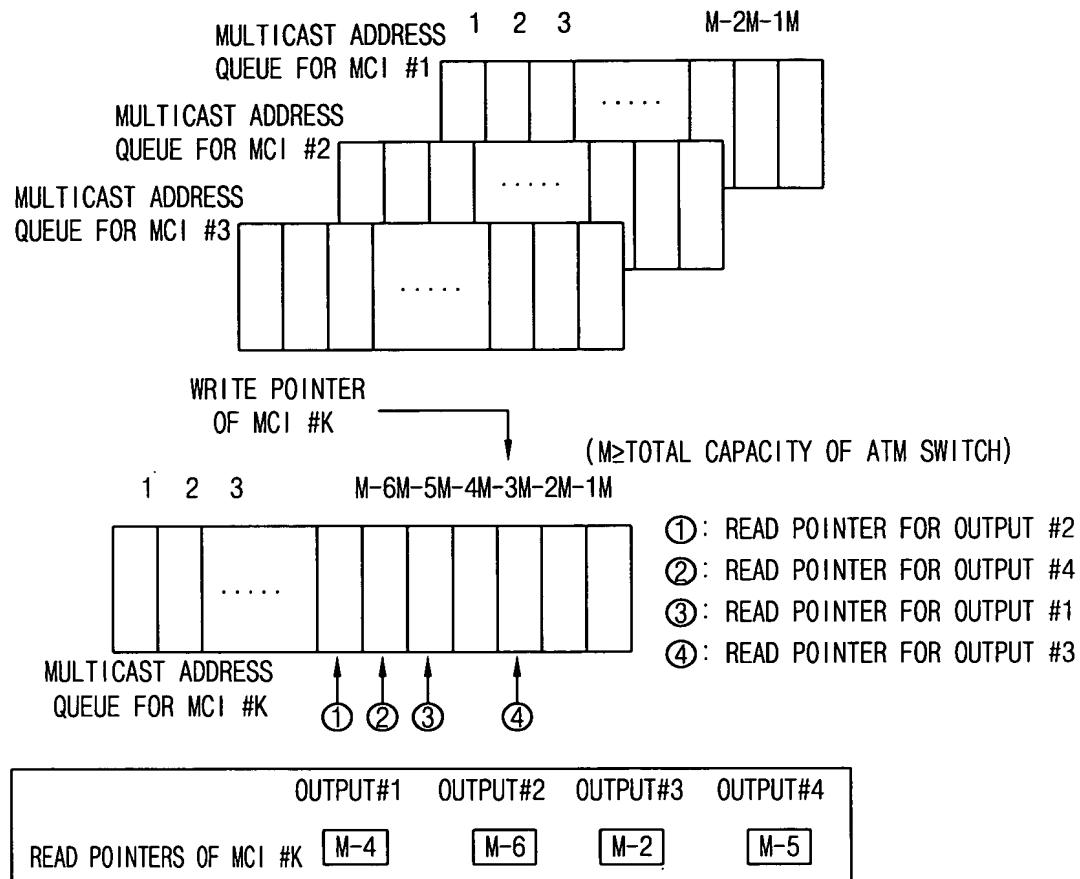


FIG. 7A

	OUTPUT #1	OUTPUT #2	OUTPUT #3	OUTPUT #4
MCI #1 ADDRESS QUEUE	89	88	(90)	(84)
MCI #2 ADDRESS QUEUE	(91)	(95)	80	83
MAXIMUM QUEUE LENGTH	91	95	90	84
PRIORITY	2	1	3	4

FIG.7B

OUTPUT PORT →

	1	2	3	4
1st			SBM #4(s_1)	
2nd	SBM #2(s_2)			
3rd		SBM #2(s_3)		
4th				SBM #2(s_4)

READ PRIORITY ↓

OUTPUT PORT & READ PRIORITY OF UNICAST CELL(s)

FIG.7C

OUTPUT PORT →

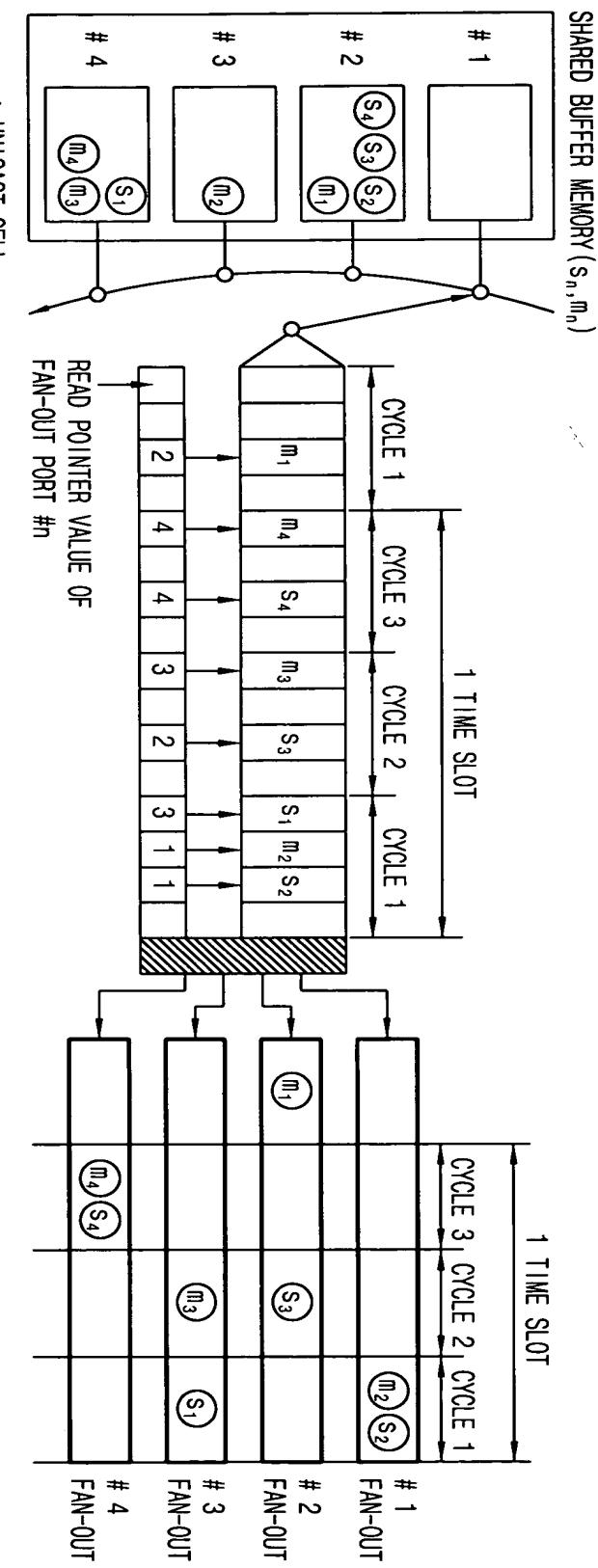
	1	2	3	4
1st		SBM #2(m_1)		
2nd	SBM #3(m_2)			
3rd			SBM #4(m_3)	
4th				SBM #4(m_4)

READ PRIORITY ↓

OUTPUT PORT & READ PRIORITY OF MULTICAST CELL(m)

QUEUE LENGTH OF m_1 : 95
 QUEUE LENGTH OF m_2 : 91
 QUEUE LENGTH OF m_3 : 90
 QUEUE LENGTH OF m_4 : 84

FIG. 8



S: UNICAST CELL
m: MULTICAST CELL
n: PRIORITY